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Amendments to Claims

- (Currently amended) Polyamide molding compositions having lowered melt viscosities comprising, in weight percent, about
 - (a) 25 to 90% of a polyamide or polyamide blend;
 - (b) 5 to 60% of an inorganic filler or reinforcing agent;
 - (c) about 0.1 to 10% of non-melt-processible fluoropolymer particles having a standard specific gravity [an SSG] of less than about 2.225, said fluoropolymer particles comprising a core of high molecular weight polytetrafluoroethylene and a shell of lower molecular weight polytetrafluoroethylene or modified polytetrafluoroethylene;
 - (d) 5 to 35% of a flame-retarding additive containing 50-70% bromine or chlorine; and
 - (e) 1 to 10% of a flame retardant synergist.
- (Currently amended) The composition of Claim 1 wherein the synergist is selected from the group consisting of antimony trioxide, antimony pentoxide, sodium antimonate, and zinc borate.
- (Original) The composition of Claim 1 further comprising up to 2 weight percent of a mold release agent.
- (Original) The composition of Claim 1 further comprising up to 2 weight percent of a heat or UV stabilizer.
- 5. (Original) An article formed from the composition of Claim 1.
- 6. (Currently amended) The polyamide molding composition of claim 1 wherein the non-melt-processible fluoropolymer particles (c) are produced by a batch process comprising polymerizing tetrafluoroethylene in an aqueous medium in the presence a dispersing agent to produce fluoropolymer having a standard specific gravity [an SSG] of less than about 2.225, said polymerizing being carried out in a first stage during which a first amount of free radical initiator is added and a second stage during which a second amount of free radical initiator and a telogenic agent are added, said first amount of initiator producing polytetrafluoroethylene having an average melt creep viscosity greater than about 1.2 x 10¹⁰ Pa·s, and said second

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amount of initiator being at least about 10 times said first amount and being added before about 95% of the total tetrafluoroethylene has been polymerized, said second amount of initiator producing polytetrafluoroethylene or modified polytetrafluoroethylene.

- 7. (Original) The composition of claim 6 wherein in said process said first amount of initiator produces polytetrafluoroethylene having an average melt creep viscosity greater than about $1.3 \times 10^{10} \, \text{Pa-s}$.
- 8. (Original) The composition of claim 6 wherein in said process said first amount of initiator produces polytetrafluoroethylene having an average melt creep viscosity greater than about $1.5 \times 10^{10} \, \text{Pa·s}$.
- 9. (Original) The composition of claim 6 wherein in said process said first amount of initiator produces polytetrafluoroethylene having an average melt creep viscosity of greater than about 1.0×10^{10} Pa·s before about 30% of the total tetrafluoroethylene has been polymerized.
- 10. (Original) The composition of claim 6 wherein in said process said second amount of initiator produces polytetrafluoroethylene or modified polytetrafluoroethylene having an average melt creep viscosity greater than about 9 x 10⁹ Pa·s and less than the average melt creep viscosity of the polytetrafluoroethylene of said core.
- 11. (Original) The composition of claim 6 wherein in said process said second amount of initiator produces polytetrafluoroethylene or modified polytetrafluoroethylene having an average melt creep viscosity at least 0.1 x 10¹⁰ Pa·s less than the average melt creep viscosity of the polytetrafluoroethylene produced during said first stage.

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12. (Original) The composition of claim 6 wherein in said process said second amount of initiator produces polytetrafluoroethylene or modified polytetrafluoroethylene having an average melt creep viscosity at least 0.2 x 10¹⁰ Pa·s less than the average melt creep viscosity of the polytetrafluoroethylene produced during said first stage.

- 13. (Original) The composition of claim 6 wherein in said process said second amount of initiator produces polytetrafluoroethylene or modified polytetrafluoroethylene having an average melt creep viscosity about 9 x 10^9 Pa·s to about 1.3 x 10^{10} Pa·s.
- 14. (Original) The composition of claim 6 wherein in said process said second amount of initiator and said telogenic agent are added when at least about 70% of the total tetrafluoroethylene has been polymerized.
- 15. (Original) The composition of claim 1 wherein the average melt creep viscosity of the polytetrafluoroethylene of said core of said fluoropolymer particles (c) is greater than about $1.2 \times 10^{10} \, \text{Pa} \cdot \text{s}$.
- 16. (Original) The composition of claim 1 wherein the average melt creep viscosity of the polytetrafluoroethylene of said core of said fluoropolymer particles (c) is greater than about 1.3×10^{10} Pa·s.
- 17. (Original) The composition of claim 1 wherein the average melt creep viscosity of the polytetrafluoroethylene of said core of said fluoropolymer particles (c) is greater than about $1.5 \times 10^{10} \, \text{Pa·s}$.
- 18. (Original) The composition of claim 1 wherein in said fluoropolymer particles (c) the average melt creep viscosity of the polytetrafluoroethylene or modified polytetrafluoroethylene of said shell is greater than about 9 x 10⁹ Pa·s and less than the average melt creep viscosity of polytetrafluoroethylene of said core.

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- 19. (Original) The composition of claim 1 wherein in said fluoropolymer particles (c) the average melt creep viscosity of the polytetrafluoroethylene or modified polytetrafluoroethylene of said shell is at least 0.1 x 10¹⁰ Pa·s less than the average melt creep viscosity of polytetrafluoroethylene of said core.
- 20. (Original) The composition of claim 1 wherein in said fluoropolymer particles (c) the average melt creep viscosity of the polytetrafluoroethylene or modified polytetrafluoroethylene of said shell is at least 0.2×10^{10} Pa·s less than the average melt creep viscosity of polytetrafluoroethylene of said core.
- 21. (Original) The composition of claim 1 wherein the average melt creep viscosity of the polytetrafluoroethylene or modified polytetrafluoroethylene of said shell of said fluoropolymer particles (c) is about 9×10^9 Pa·s to about 1.3×10^{10} Pa·s.
- 22. (Original) The composition of claim 1 wherein said shell of said fluoropolymer particles (c) comprises about 5 to about 30% by weight of said fluoropolymer particles.
- 23. (Original) The composition of claim 1 wherein the fluoropolymer particles (c) are fibrillating.
- 24. (Original) The composition of claim 1 wherein said shell of said fluoropolymer particles (c) is polytetrafluoroethylene.
- 25. (Original) The composition of claim 1 wherein said fluoropolymer particles (c) have a melt creep viscosity of greater than about 1.4×10^{10} Pa·s.